

Fig.1

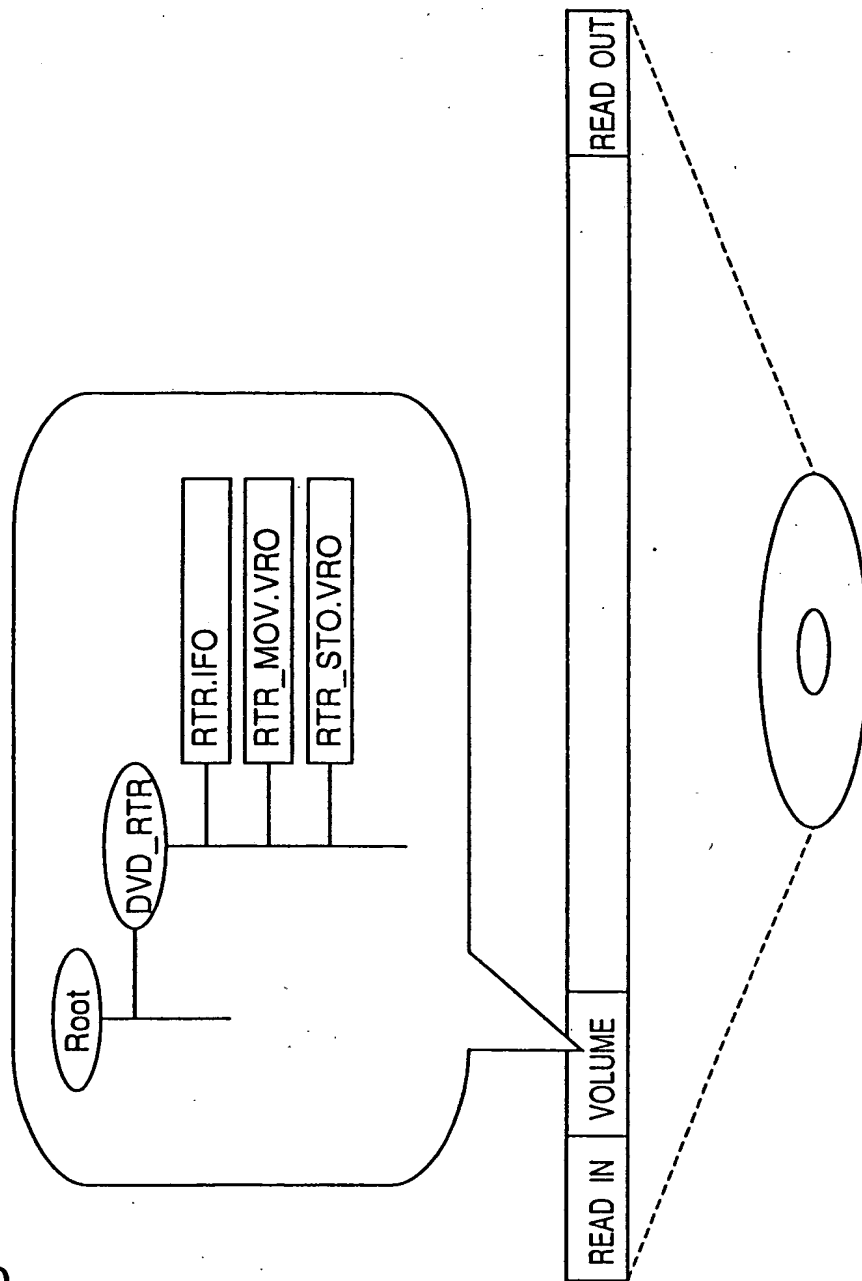
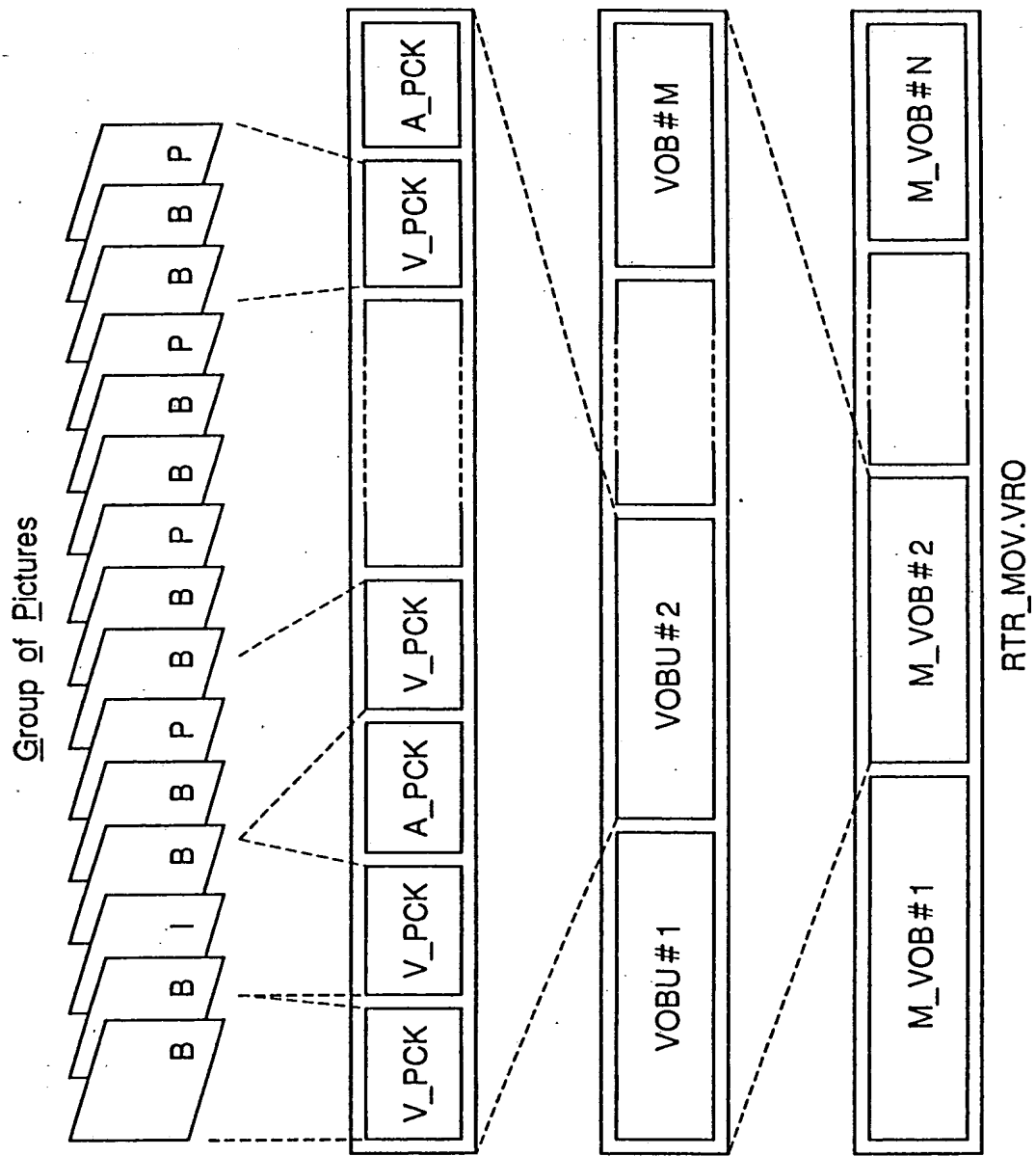


Fig.2



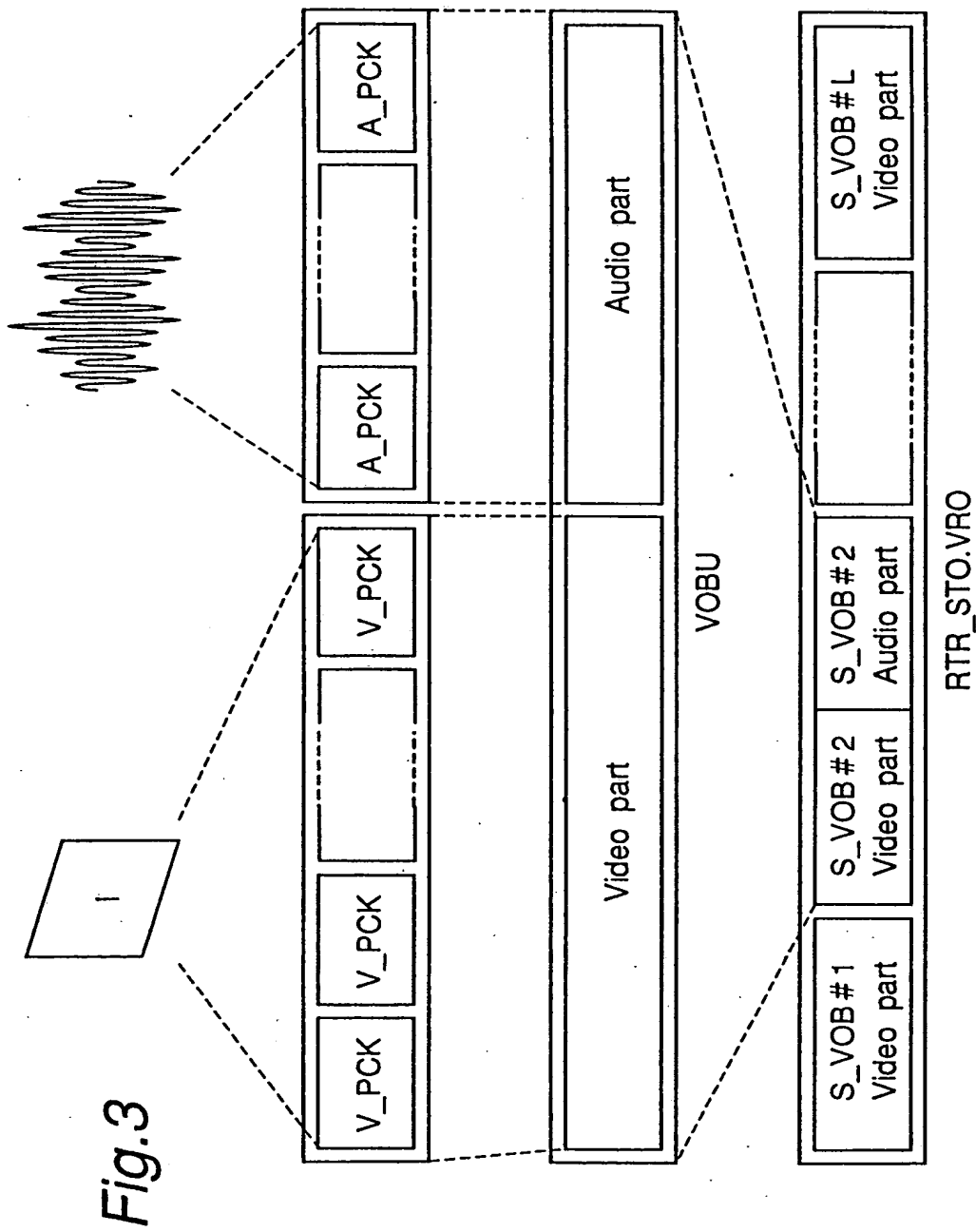


Fig.4

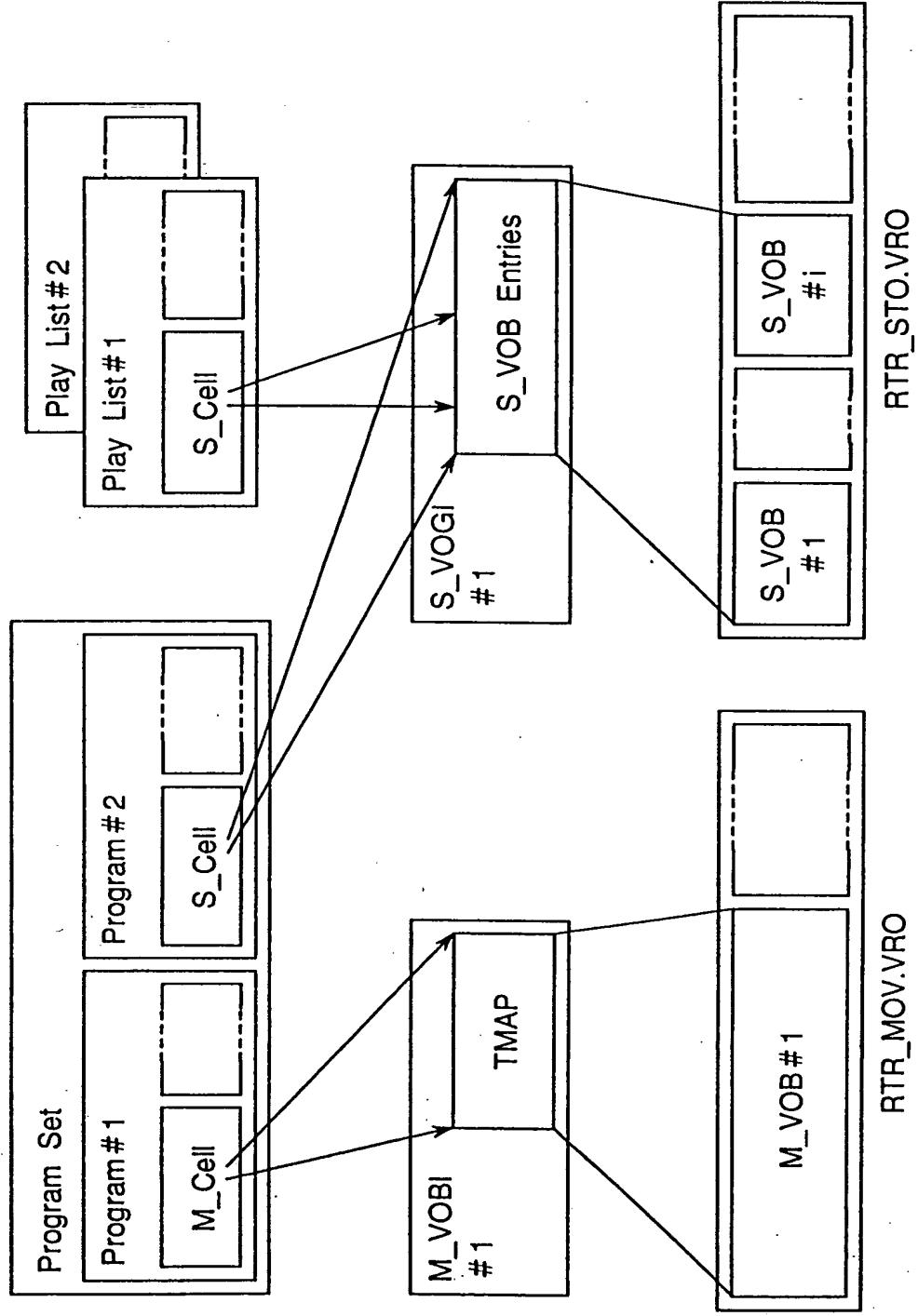


Fig.5

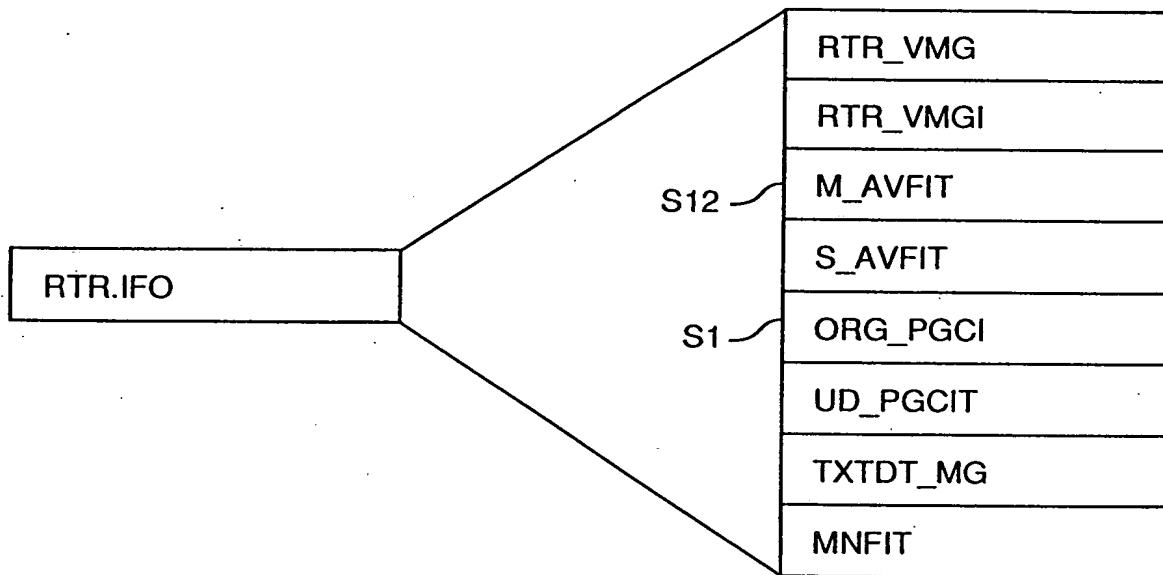


Fig.6

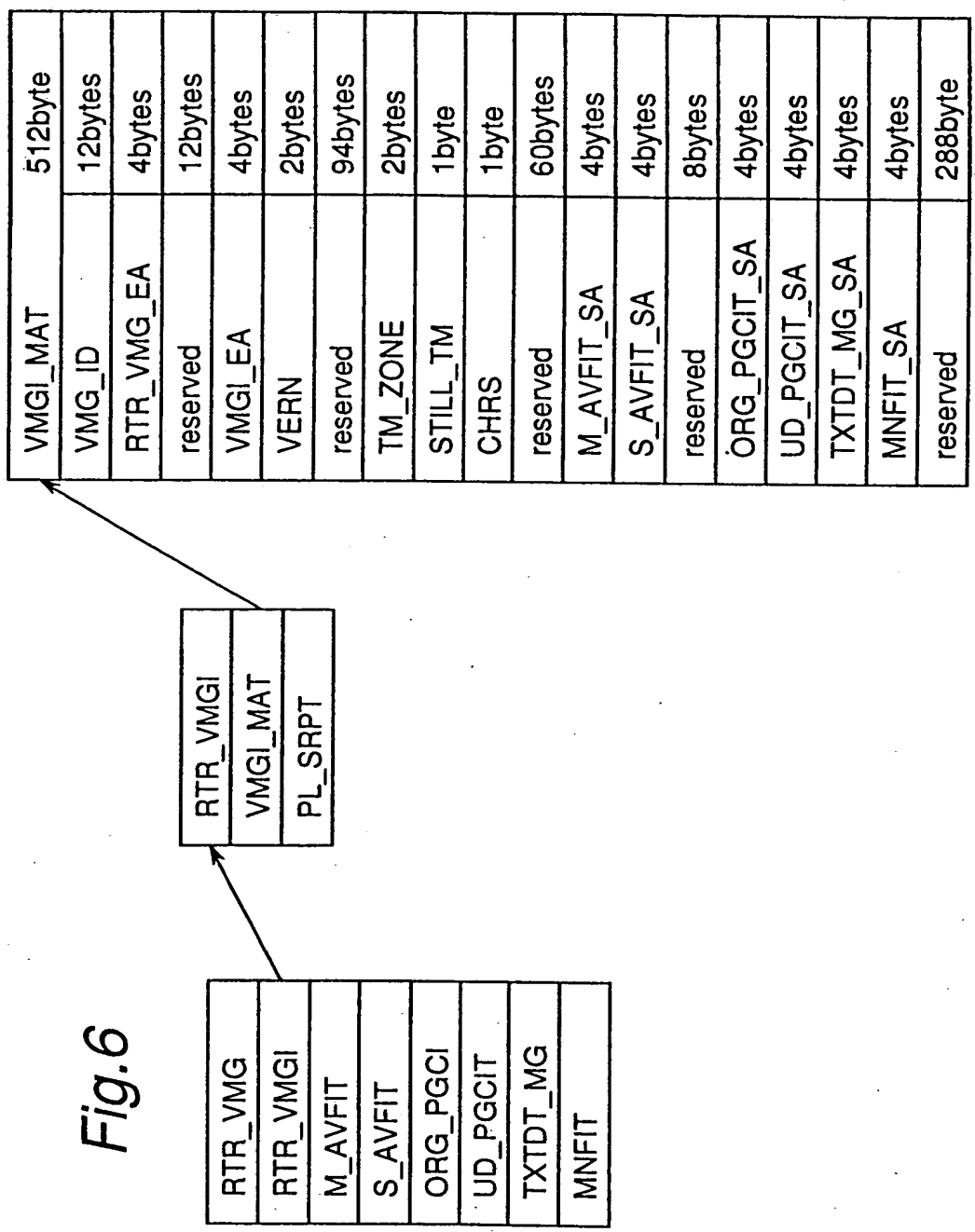
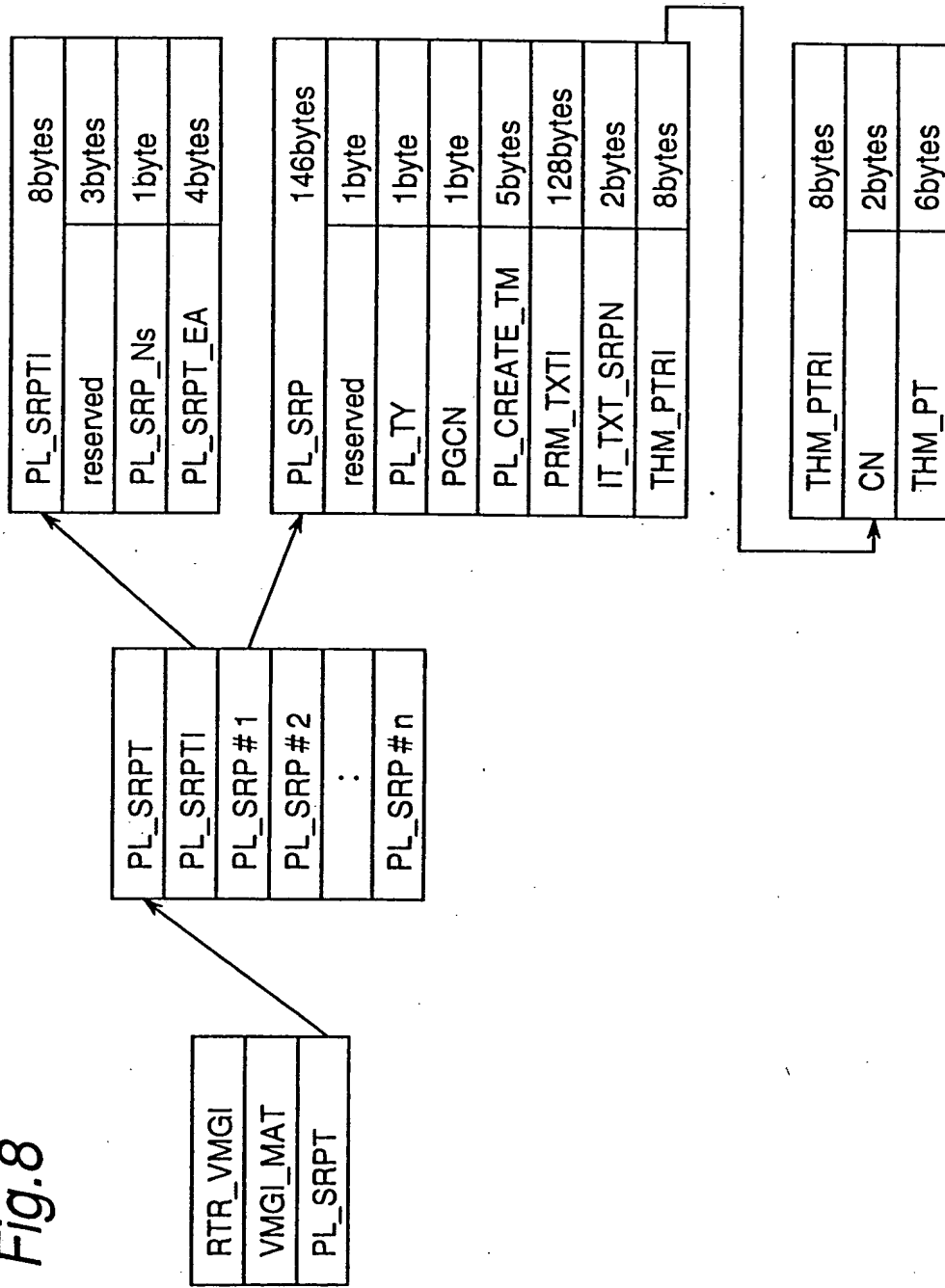


Fig. 7

[illegible]

| | | | | | | | | | |
|-----------------|-----|-----|-----|------------------|-----|----|----|--|--|
| TM_ZONE | | | | | | | | | |
| | | | | | | | | | |
| b15 | b14 | b13 | b12 | b11 | b10 | b9 | b8 | | |
| TZ_TY | | | | TZ_OFFSET[11..8] | | | | | |
| b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | | |
| TZ_OFFSET[7..0] | | | | | | | | | |

Fig.8



[illegible]

| | | | | | | | | | |
|--------------|-----|--------------|--------------|-----|-----|---------|-----|-------------|--|
| PL_CREATE_TM | | | | | | | | | |
| | | | | | | | | | |
| b39 | b38 | b37 | b36 | b35 | b34 | b33 | b32 | | |
| Year[13..6] | | | | | | | | | |
| b31 | b30 | b29 | b28 | b27 | b26 | b25 | b24 | | |
| Year[5..0] | | | | | | | | | |
| b23 | b22 | b21 | b20 | b19 | b18 | b17 | b16 | Month[3..2] | |
| Month[1..0] | | Day[4..0] | | | | Hour[4] | | | |
| b15 | b14 | b13 | b12 | b11 | b10 | b9 | b8 | | |
| Hour[3..0] | | | Minute[5..2] | | | | | | |
| b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | | |
| Minute[1..0] | | Second[5..0] | | | | | | | |

Fig. 10

| | | | | | | | | | |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|--|--|
| PTM describing format | | | | | | | | | |
| | | | | | | | | | |
| b47 | b46 | b45 | b44 | b43 | b42 | b41 | b40 | | |
| PTM_base[31..24] | | | | | | | | | |
| b39 | b38 | b37 | b36 | b35 | b34 | b33 | b32 | | |
| PTM_base[23..16] | | | | | | | | | |
| b31 | b30 | b29 | b28 | b27 | b26 | b25 | b24 | | |
| PTM_base[15..8] | | | | | | | | | |
| b23 | b22 | b21 | b20 | b19 | b18 | b17 | b16 | | |
| PTM_base[7..0] | | | | | | | | | |
| b15 | b14 | b13 | b12 | b11 | b10 | b9 | b8 | | |
| PTM_extension[15..8] | | | | | | | | | |
| b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | | |
| PTM_extension[7..0] | | | | | | | | | |

Fig. 11

| | | | | | | | | | | | | | | | | |
|------------------------------|-----|-----|-----|-----|-----|-----|--|--|--|--|--|--|-----|--|--|--|
| S_VOB_ENTN describing format | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| b47 | b46 | b45 | b44 | b43 | b42 | b41 | | | | | | | b40 | | | |
| S_VOB_ENTN | | | | | | | | | | | | | | | | |
| b39 | b38 | b37 | b36 | b35 | b34 | b33 | | | | | | | b32 | | | |
| reserved | | | | | | | | | | | | | | | | |
| b31 | b30 | b29 | b28 | b27 | b26 | b25 | | | | | | | b24 | | | |
| reserved | | | | | | | | | | | | | | | | |
| b23 | b22 | b21 | b20 | b19 | b18 | b17 | | | | | | | b16 | | | |
| reserved | | | | | | | | | | | | | | | | |
| b15 | b14 | b13 | b12 | b11 | b10 | b9 | | | | | | | b8 | | | |
| reserved | | | | | | | | | | | | | | | | |
| b7 | b6 | b5 | b4 | b3 | b2 | b1 | | | | | | | b0 | | | |
| reserved | | | | | | | | | | | | | | | | |

Fig.12

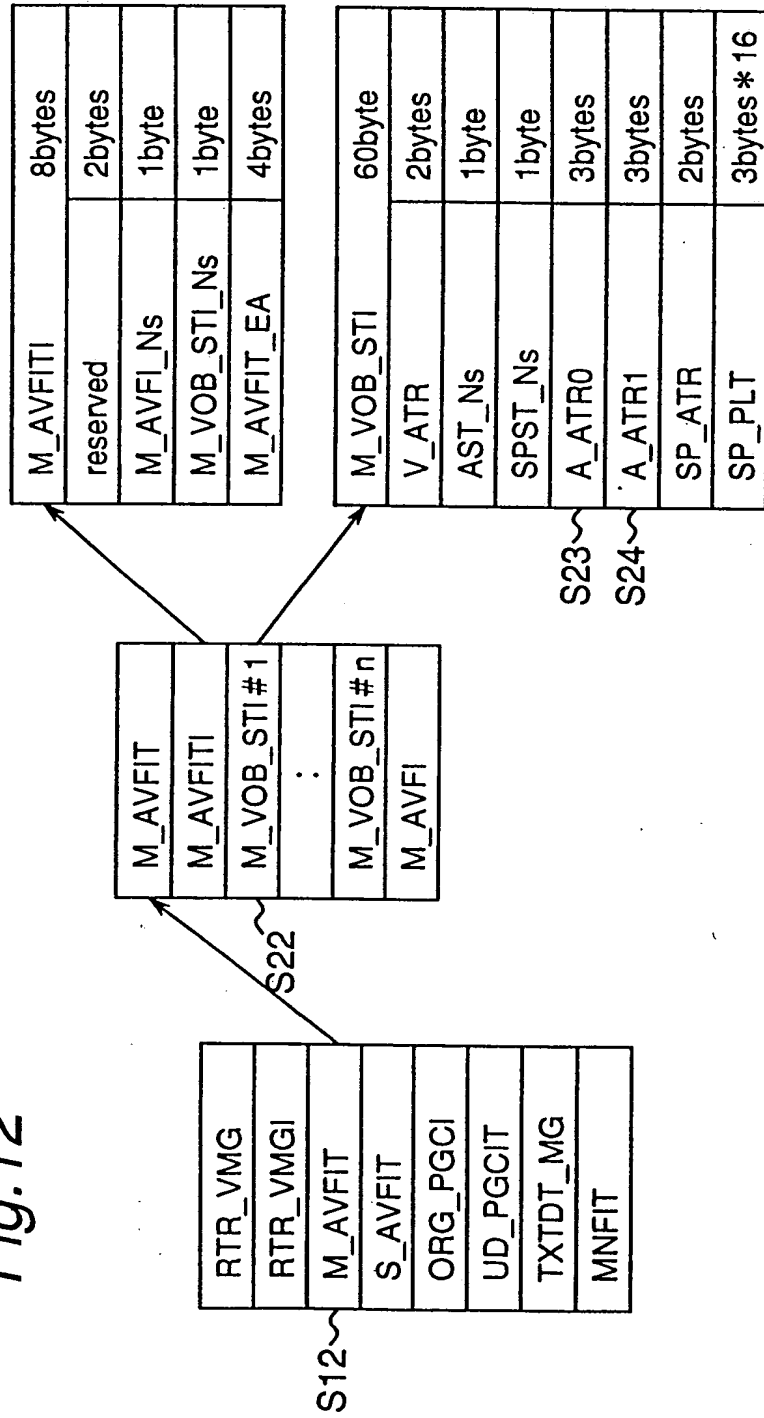


Fig. 13

[illegible]

Fig.15

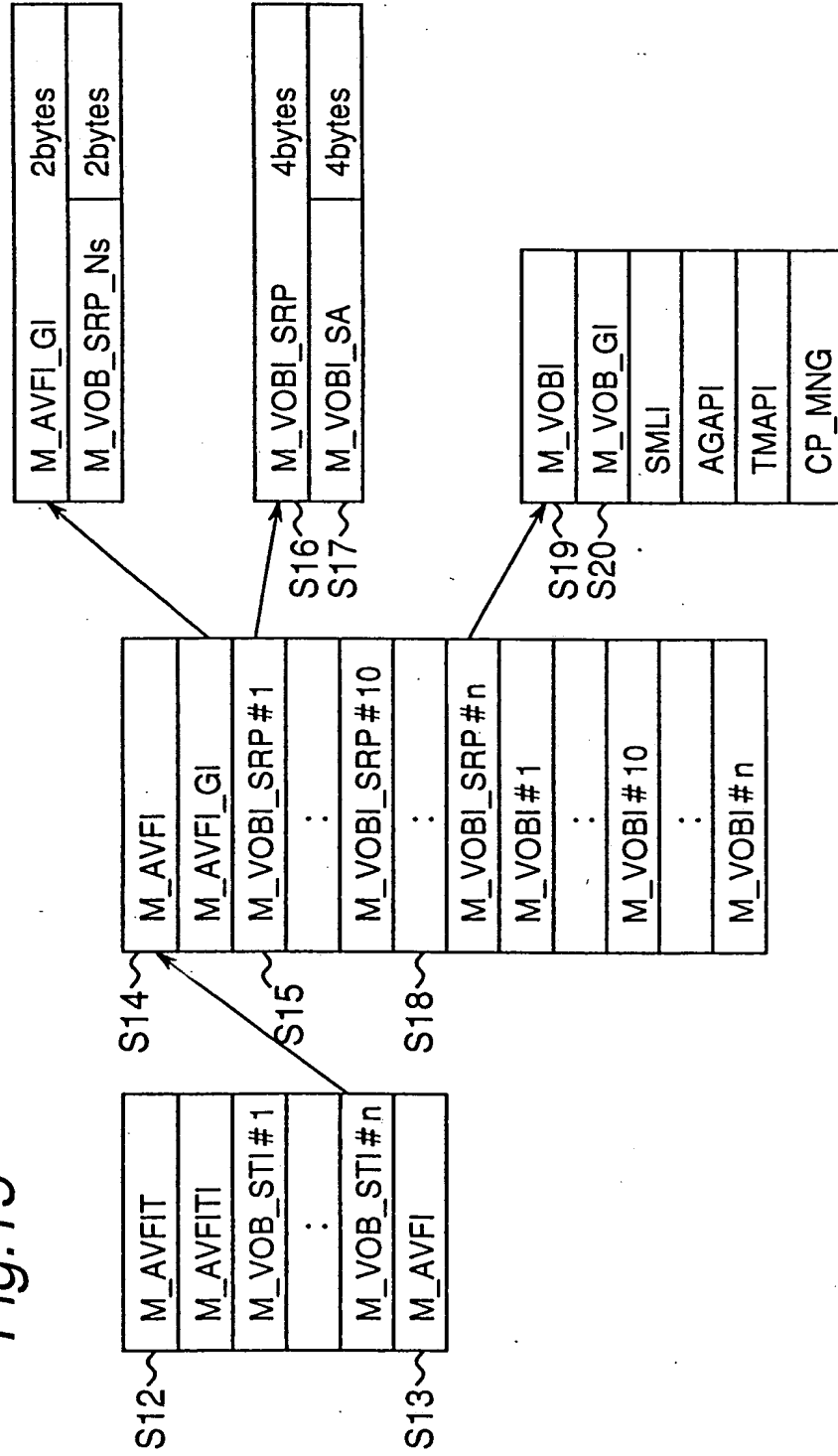


Fig. 16

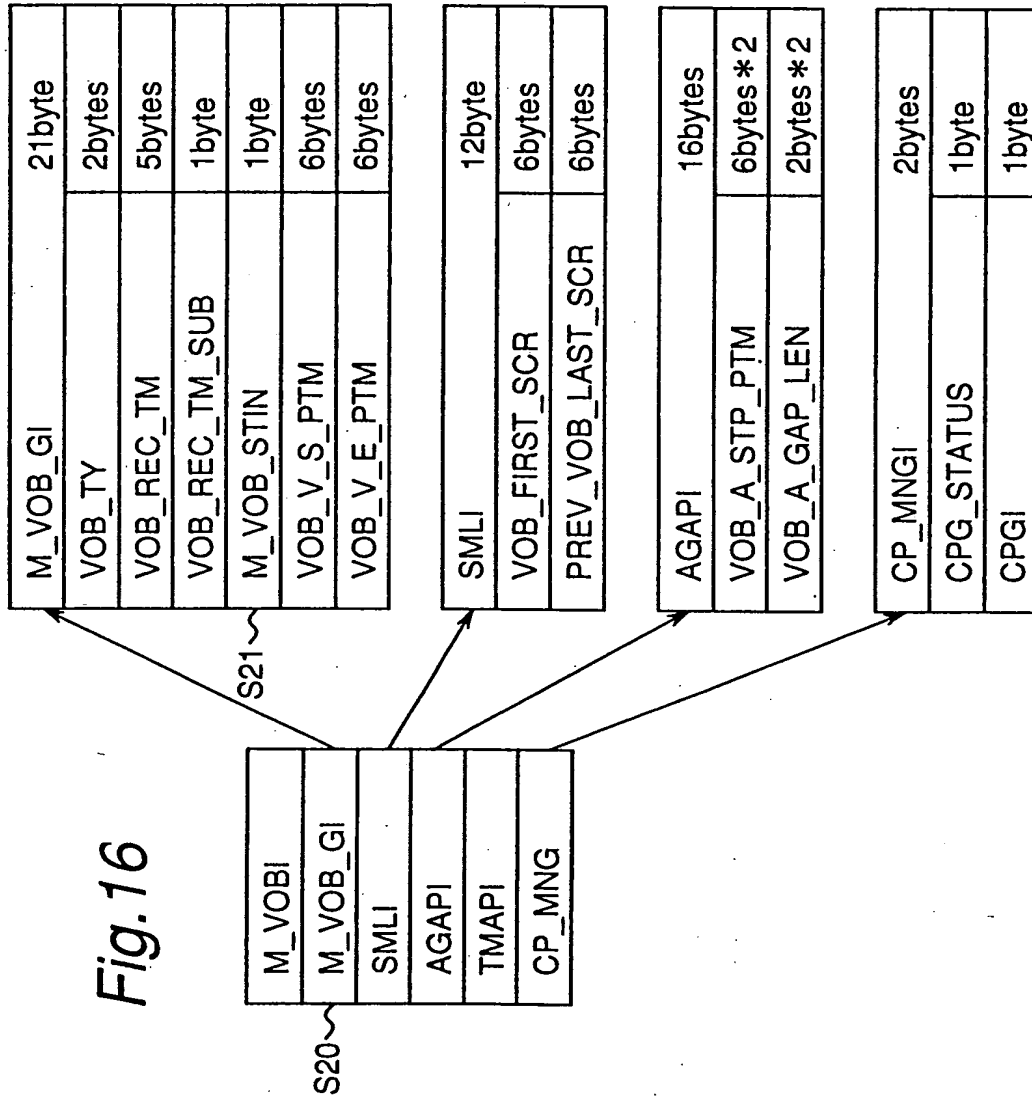


Fig. 17

[illegible]

Fig.18

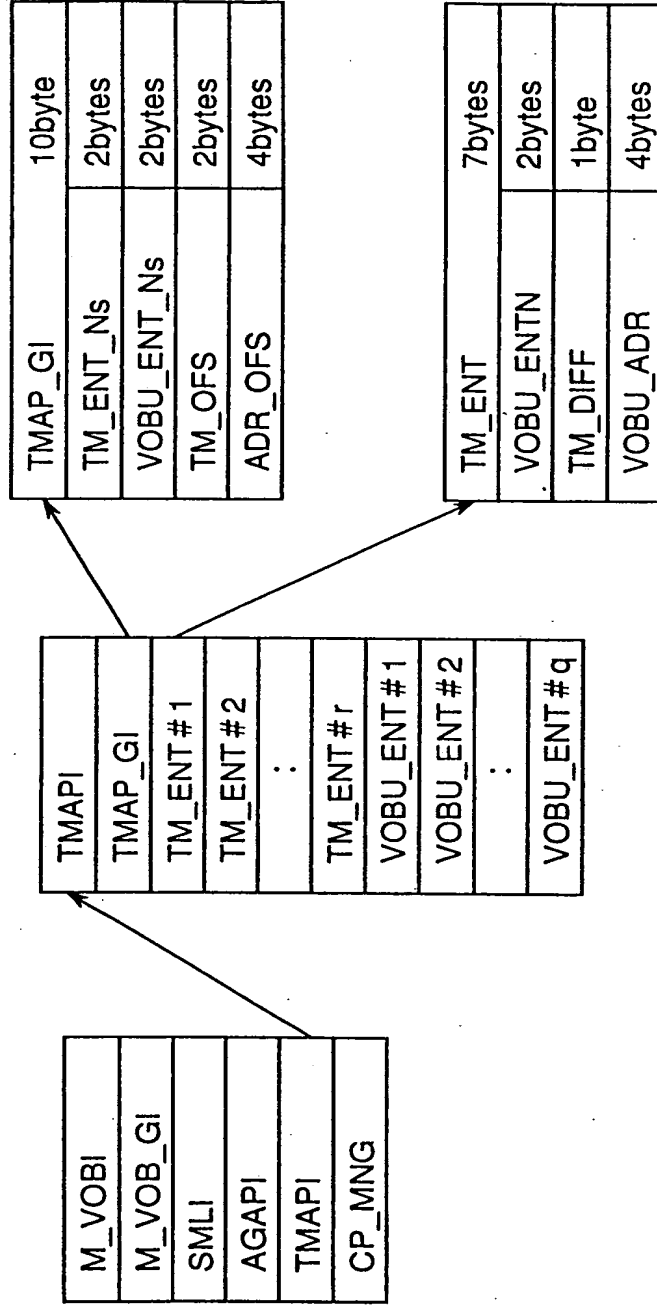


Fig. 19

| | | | | | | | | | |
|----------------|-----|-----|-----|-----|-----|----------------|-----|--|--|
| VOBU_ENT | | | | | | | | | |
| | | | | | | | | | |
| b23 | b22 | b21 | b20 | b19 | b18 | b17 | b16 | | |
| 1STREF_SZ | | | | | | | | | |
| b15 | b14 | b13 | b12 | b11 | b10 | b9 | b8 | | |
| VOBU_PB_TM | | | | | | VOBU_SZ(upper) | | | |
| b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | | |
| VOBU_SZ(lower) | | | | | | | | | |

Fig.20

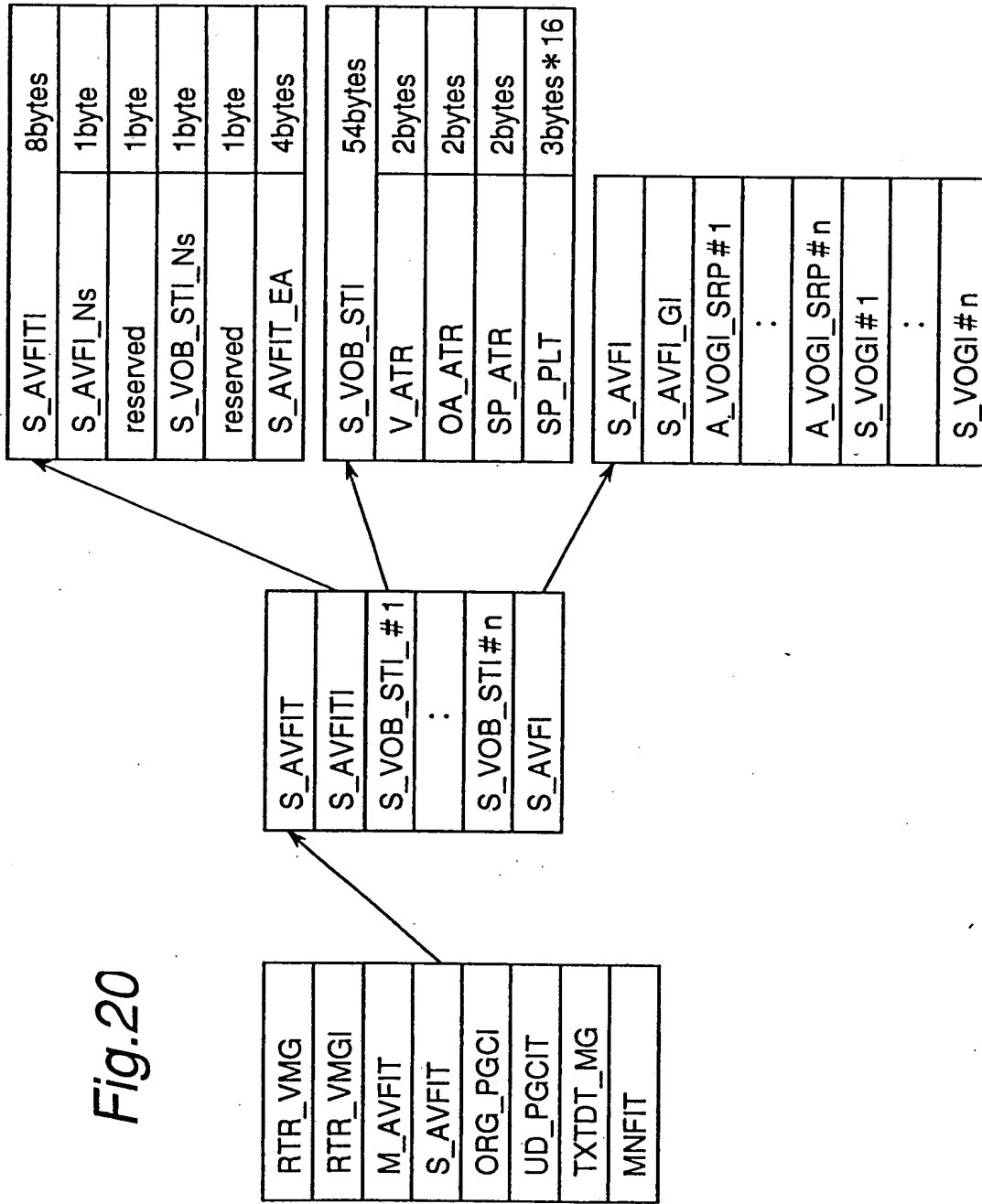


Fig. 21

| | | | | | | | | | | |
|------------------------|-----|------------------|-----|-----|--------------|----------|----|----------|--|--|
| V_ATR | | | | | | | | | | |
| | | | | | | | | | | |
| b15 | b14 | b13 | b12 | b11 | b10 | b9 | b8 | | | |
| Video compression mode | | TV system | | | Aspect ratio | | | reserved | | |
| b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | | | |
| reserved | | Video resolution | | | | reserved | | | | |

| | | | | | | | | |
|-------------------|-----|----------|-----|--------------------------|-----|------------------|----|--|
| OA_ATR | | | | | | | | |
| | | | | | | | | |
| b15 | b14 | b13 | b12 | b11 | b10 | b9 | b8 | |
| Audio coding mode | | reserved | | | | Application Flag | | |
| b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | |
| Quan./DRC | | fs | | Number of Audio channels | | | | |

Fig.23

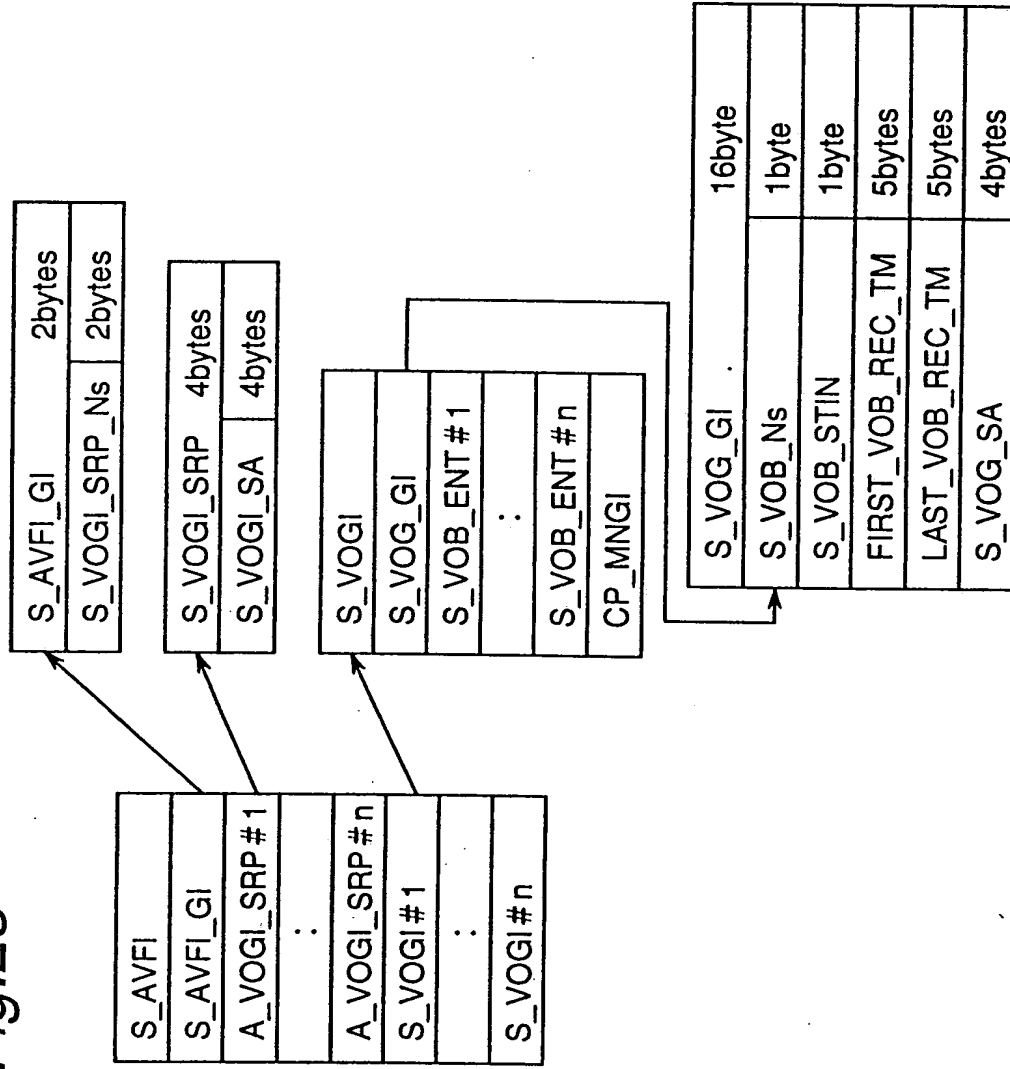


Fig.24

| S_VOB ENT (TYPE A) | | 2bytes |
|--------------------|--|--------|
| S_VOB ENT_TY | | 1byte |
| V_PART_SZ | | 1byte |

| S_VOB ENT (TYPE B) | | 6bytes |
|--------------------|--|--------|
| S_VOB ENT_TY | | 1byte |
| V_PART_SZ | | 1byte |
| A_PART_SZ | | 2bytes |
| A_PB_TM | | 2bytes |

Fig.25

| | | | | | | | | | |
|--------------|----|----|----------|----|----|----|---------|--|--|
| S_VOB_ENT_TY | | | | | | | | | |
| | | | | | | | | | |
| b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | | |
| MAP_TY | | TE | reserved | | | | SPST_Ns | | |

Fig.26

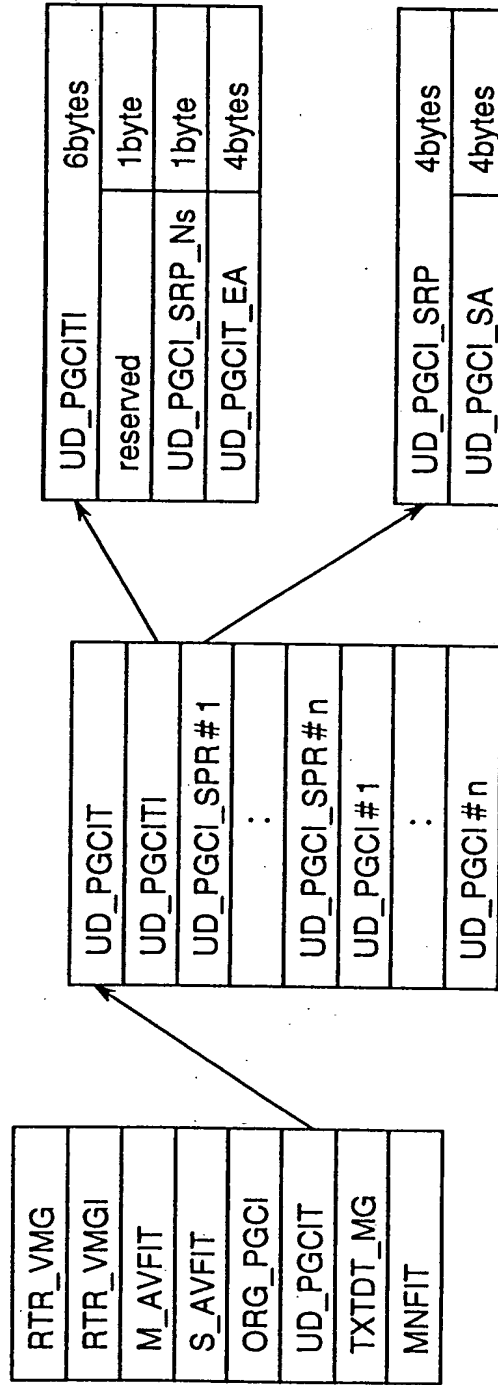


Fig.27

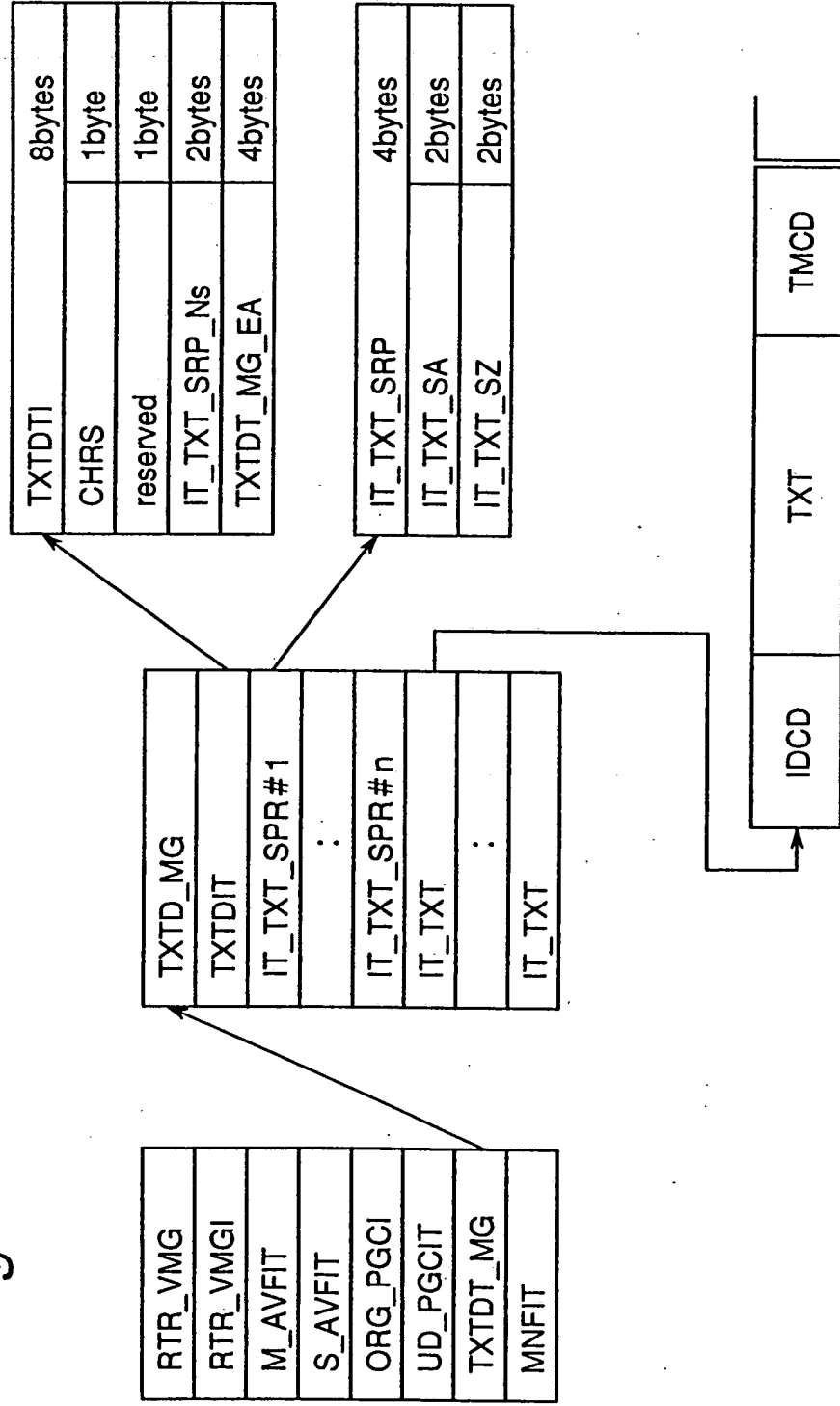


Fig.28

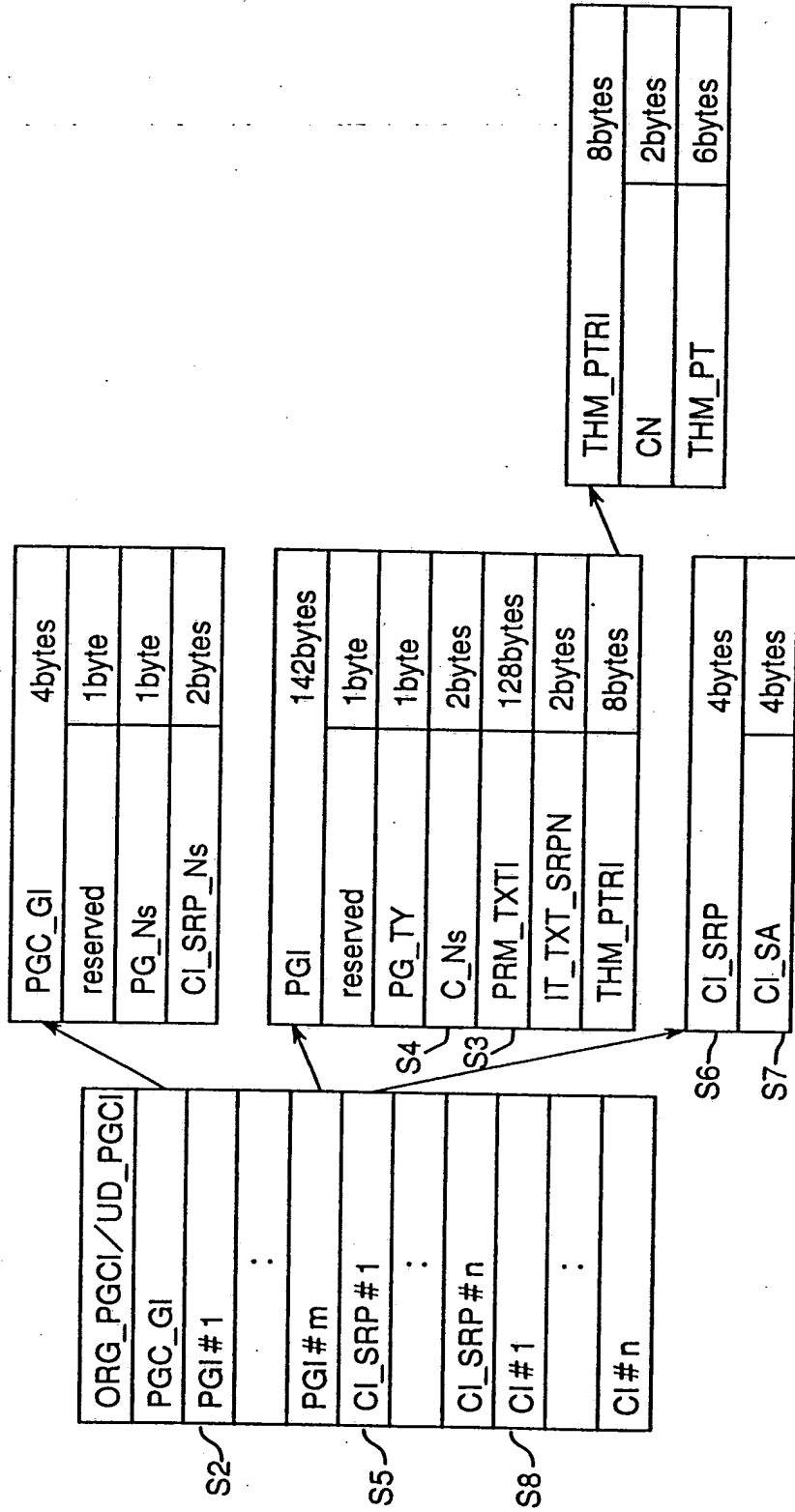


Fig. 29

[illegible]

Fig.30

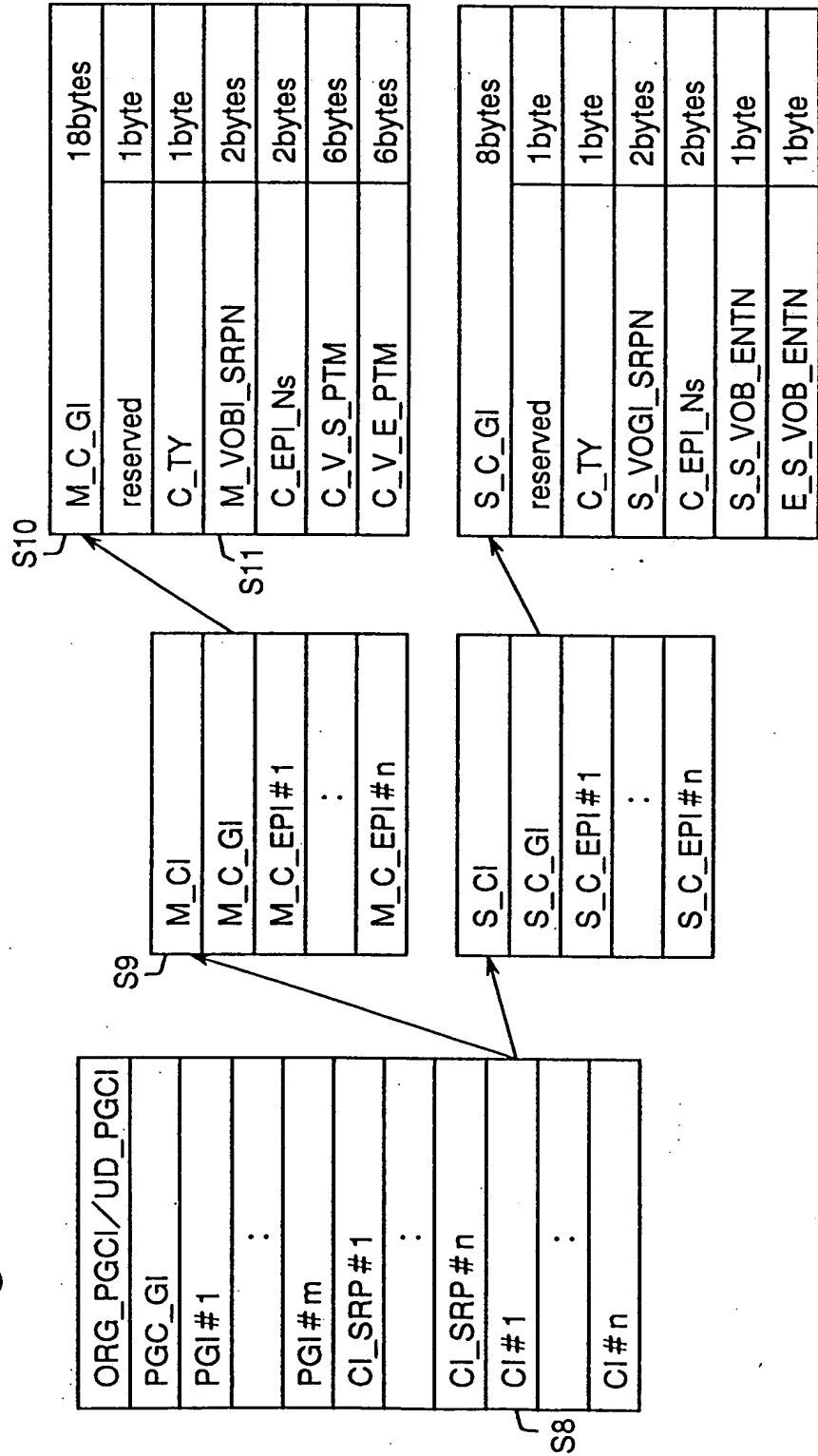


Fig.31

| | | | | | | | | | | |
|-------|----|----------|----|----|----|----|----|--|--|--|
| C_TY | | | | | | | | | | |
| | | | | | | | | | | |
| b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | | | |
| C_TY1 | | reserved | | | | | | | | |

Fig.32

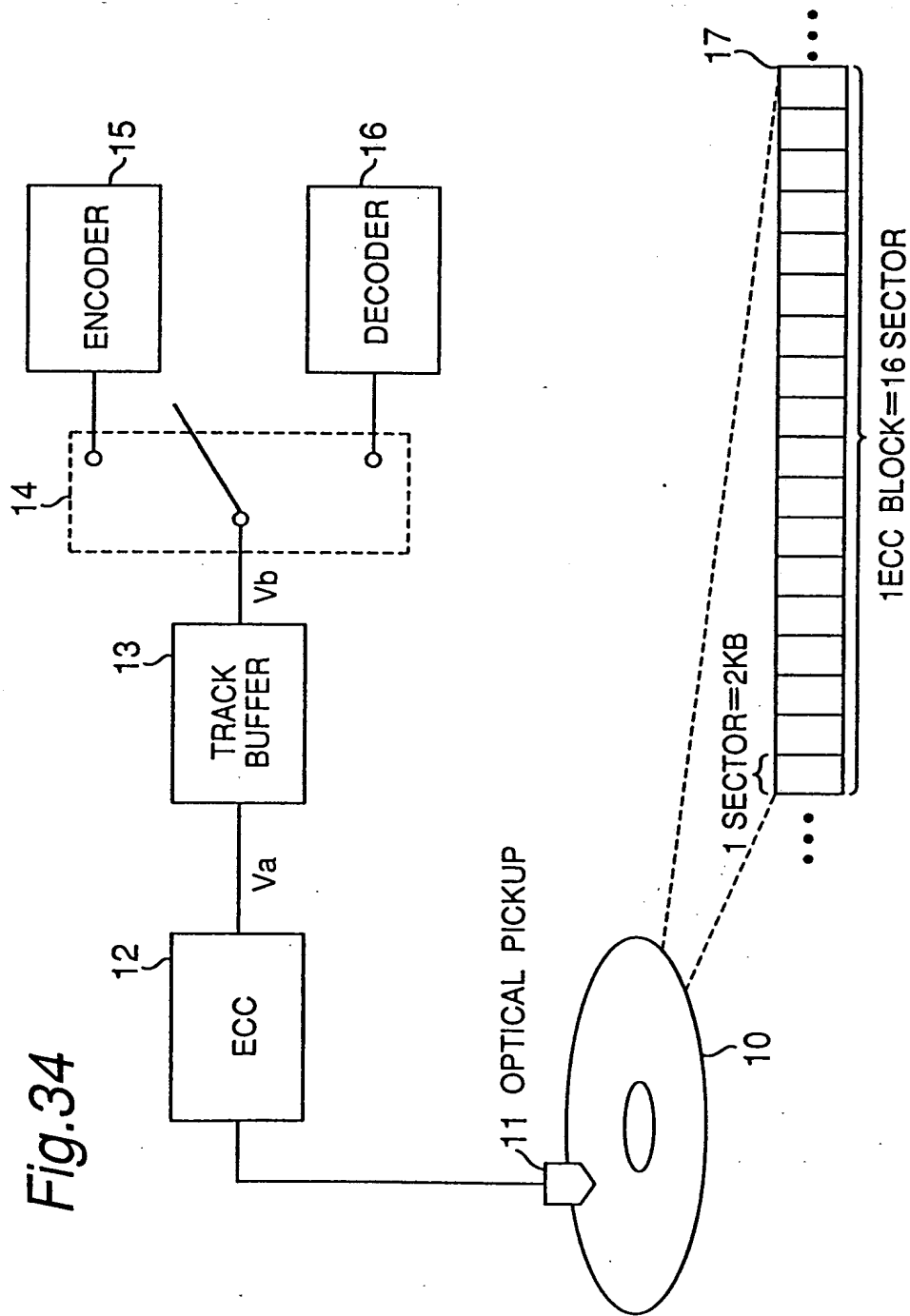
| M_C_EPI (Type A) | | 7bytes |
|------------------|--|--------|
| EP_TY | | 1byte |
| EP_PTM | | 6bytes |

| S_C_EPI (Type A) | | 7bytes |
|------------------|--|--------|
| EP_TY | | 1byte |
| S_VOB_ENTN | | 6bytes |

| M_C_EPI (Type B) | | 135bytes |
|------------------|--|----------|
| EP_TY | | 1byte |
| EP_PTM | | 6bytes |
| PRM_TXTI | | 128bytes |

| S_C_EPI (Type B) | | 135bytes |
|------------------|--|----------|
| EP_TY | | 1byte |
| S_VOB_ENTN | | 1byte |
| PRM_TXTI | | 128bytes |

Fig.34



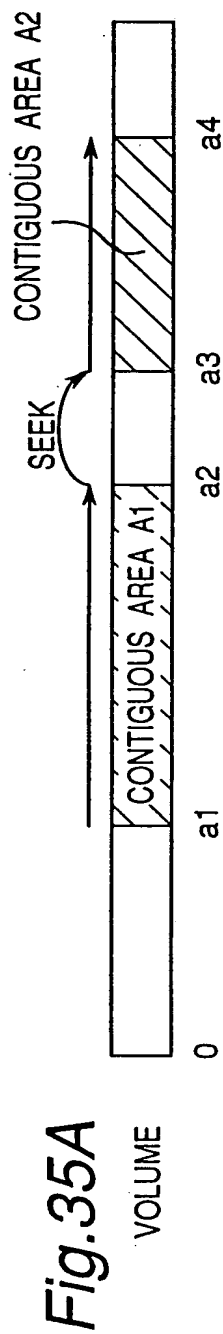


Fig.35B DATA ACCUMULATED IN THE TRACK BUFFER

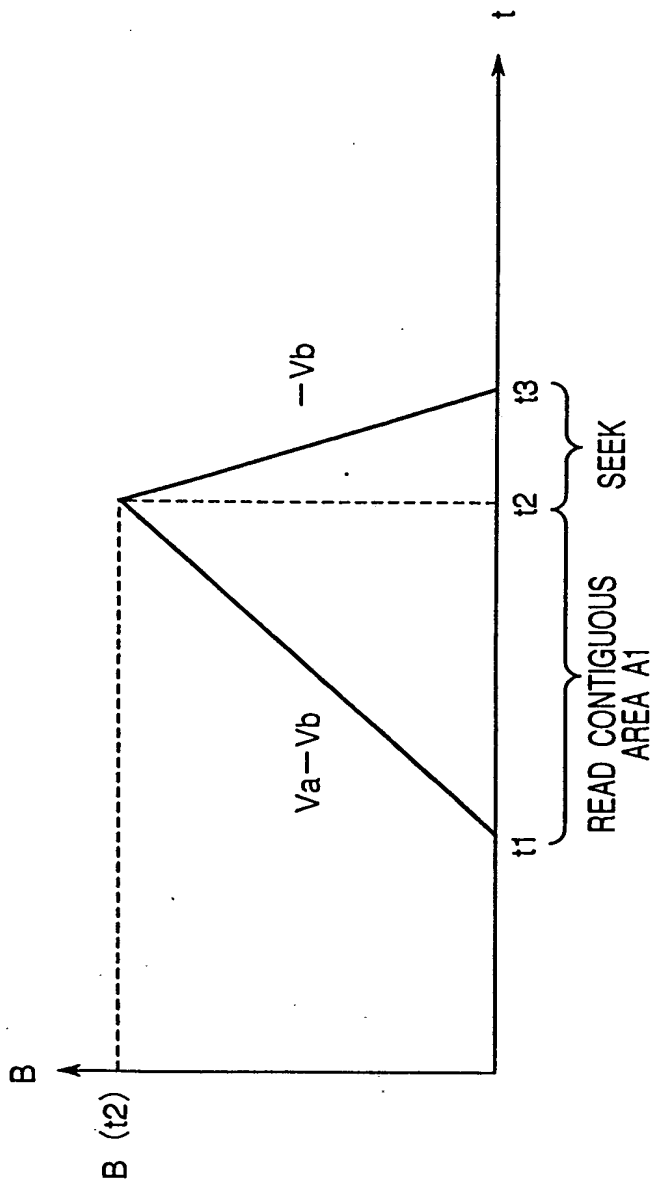
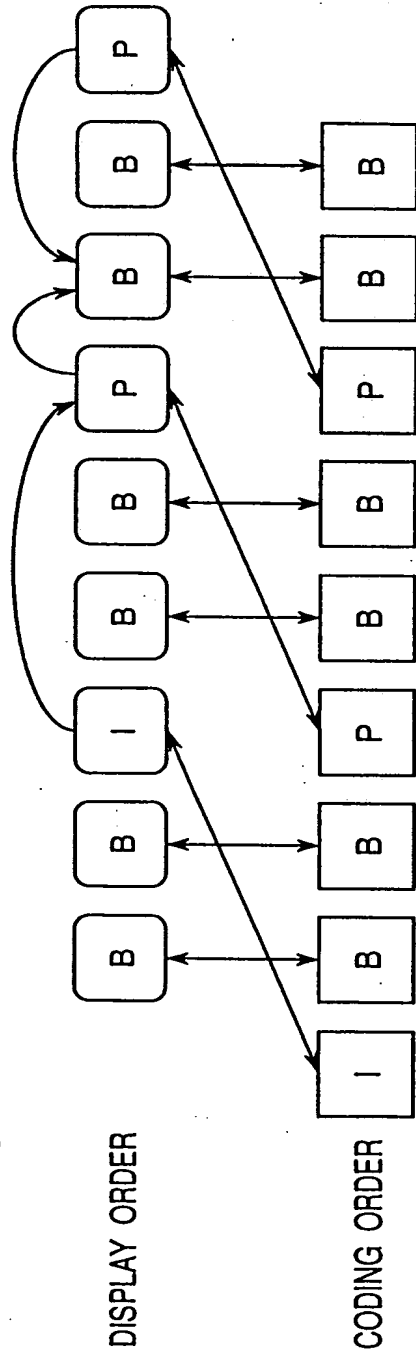


Fig.36



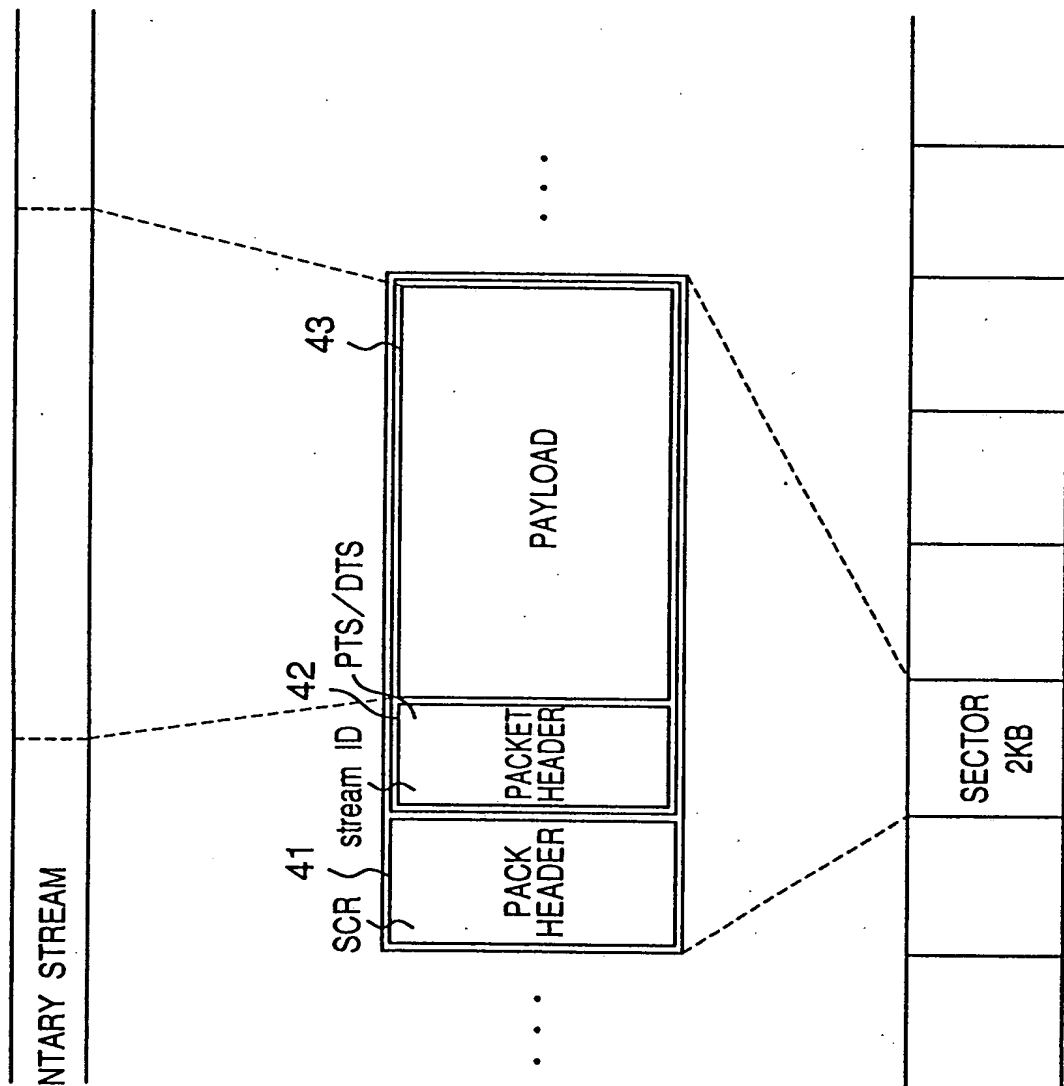
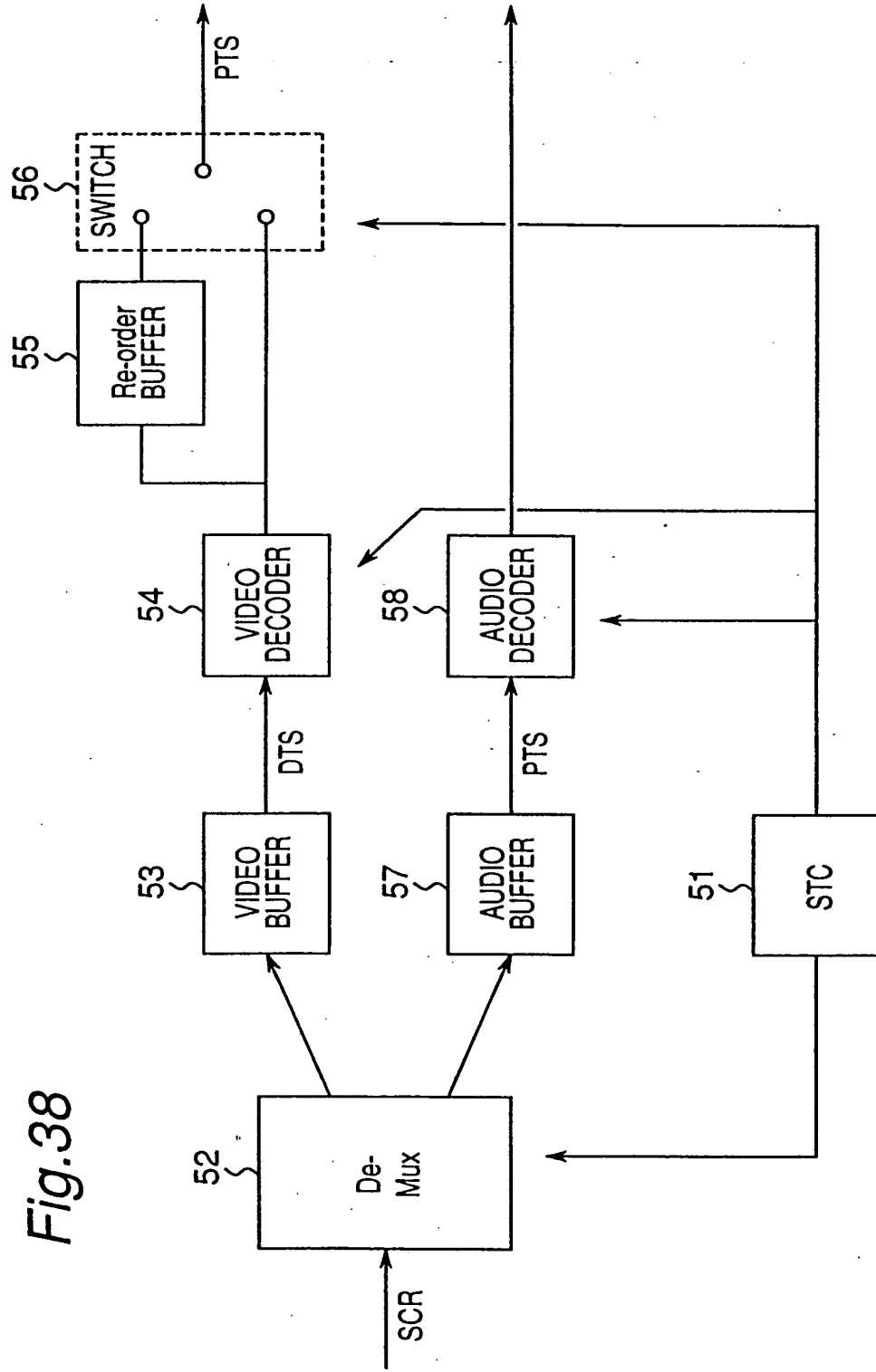


Fig.37

Fig.38



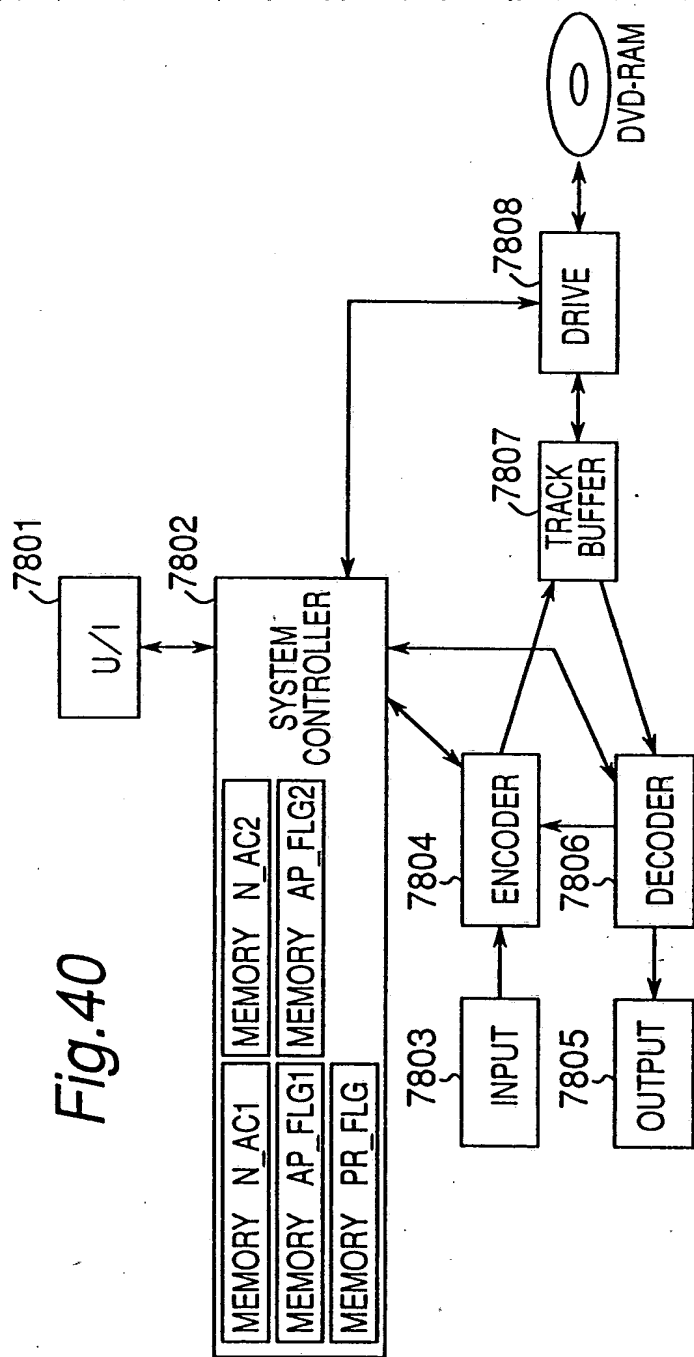


Fig.41

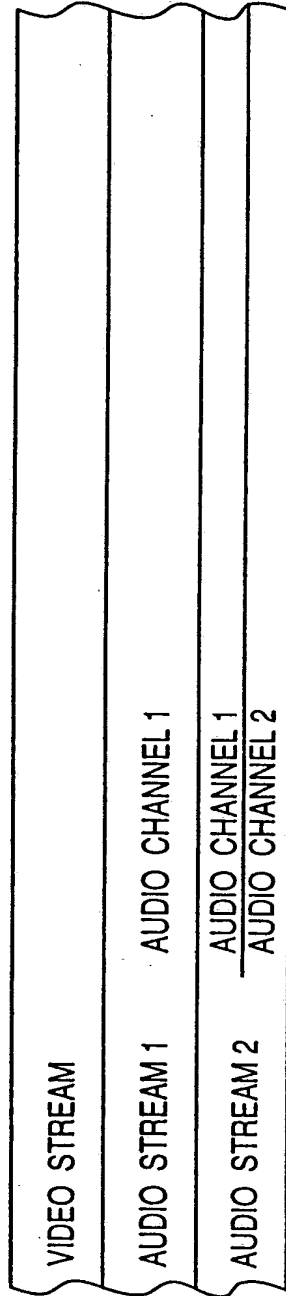


Fig. 42A AV STREAM 1

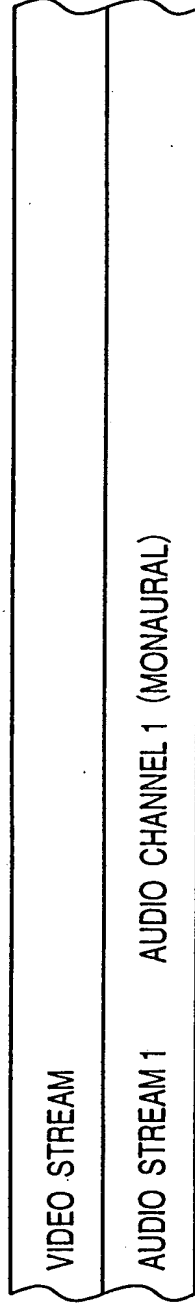


Fig. 42B AV STREAM 2

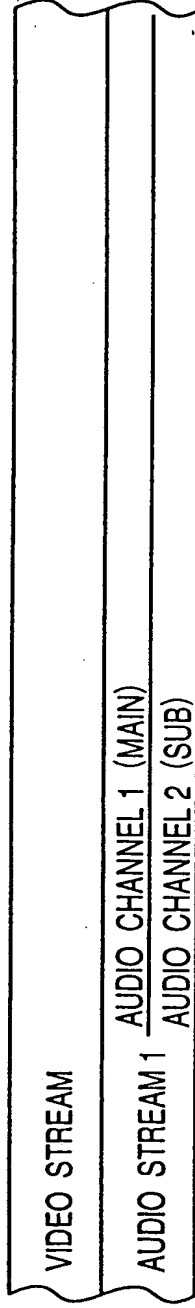


Fig. 42C AV STREAM 3

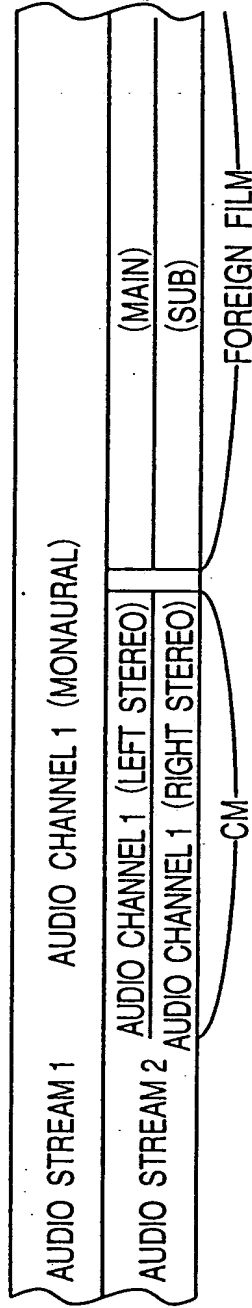
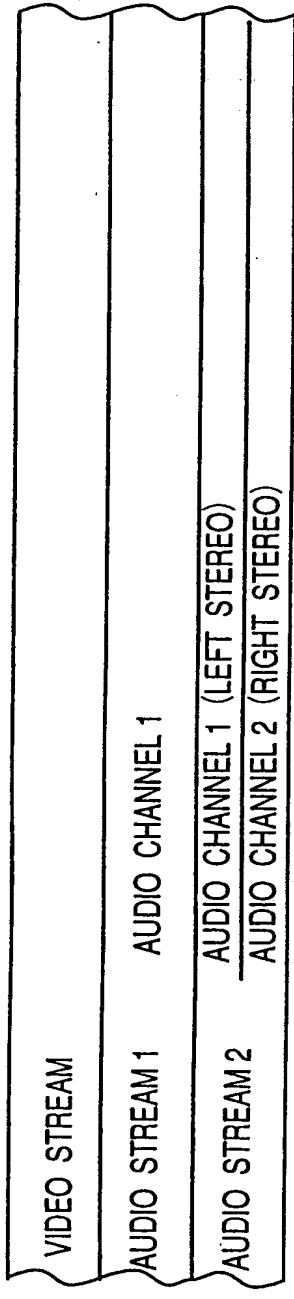


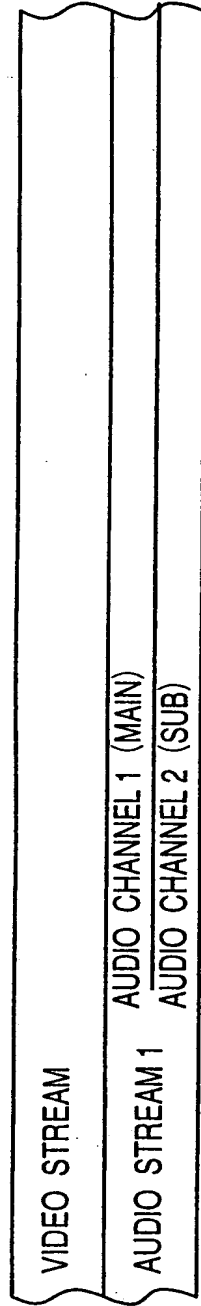
Fig.43 AV STREAM 1



| | |
|------|---|
| ATR0 | Preference Flag=00b (INAPPLICABLE) |
| | Application Flag=00b (INAPPLICABLE) |
| | Number of Audio channels=0000b (MONAURAL) |

| | |
|------|---|
| ATR1 | Preference Flag=00b (INAPPLICABLE) |
| | Application Flag=00b (INAPPLICABLE) |
| | Number of Audio channels=0000b (STEREO) |

Fig.44 AV STREAM 2



ATR0 Preference Flag=01b (PREFER AUDIO CHANNEL 1)
Application Flag=11b (SUB AUDIO IS CONTAINED)
Number of Audio channels=1001b (DUAL MONAURAL)

ATR1 (NOT CONTAINED)

Fig.45 AV STREAM 3

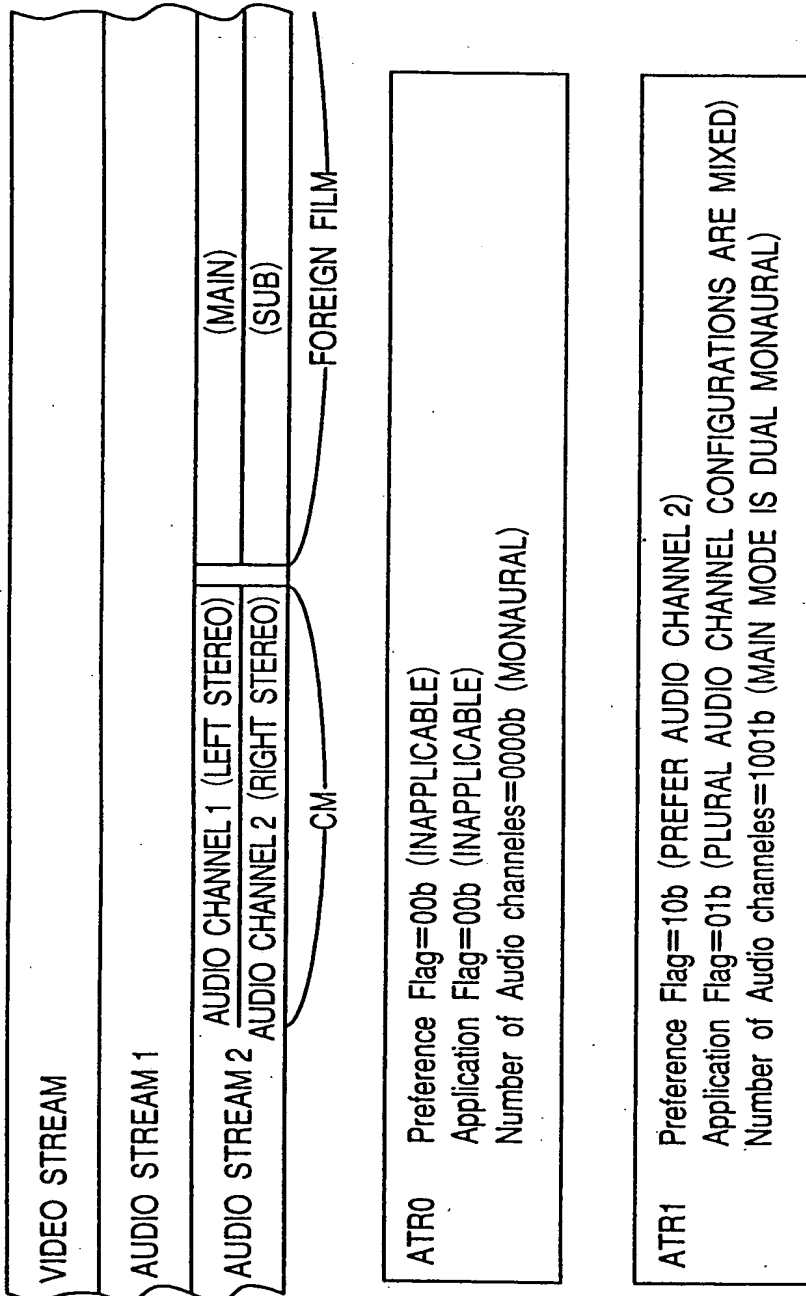


Fig. 46

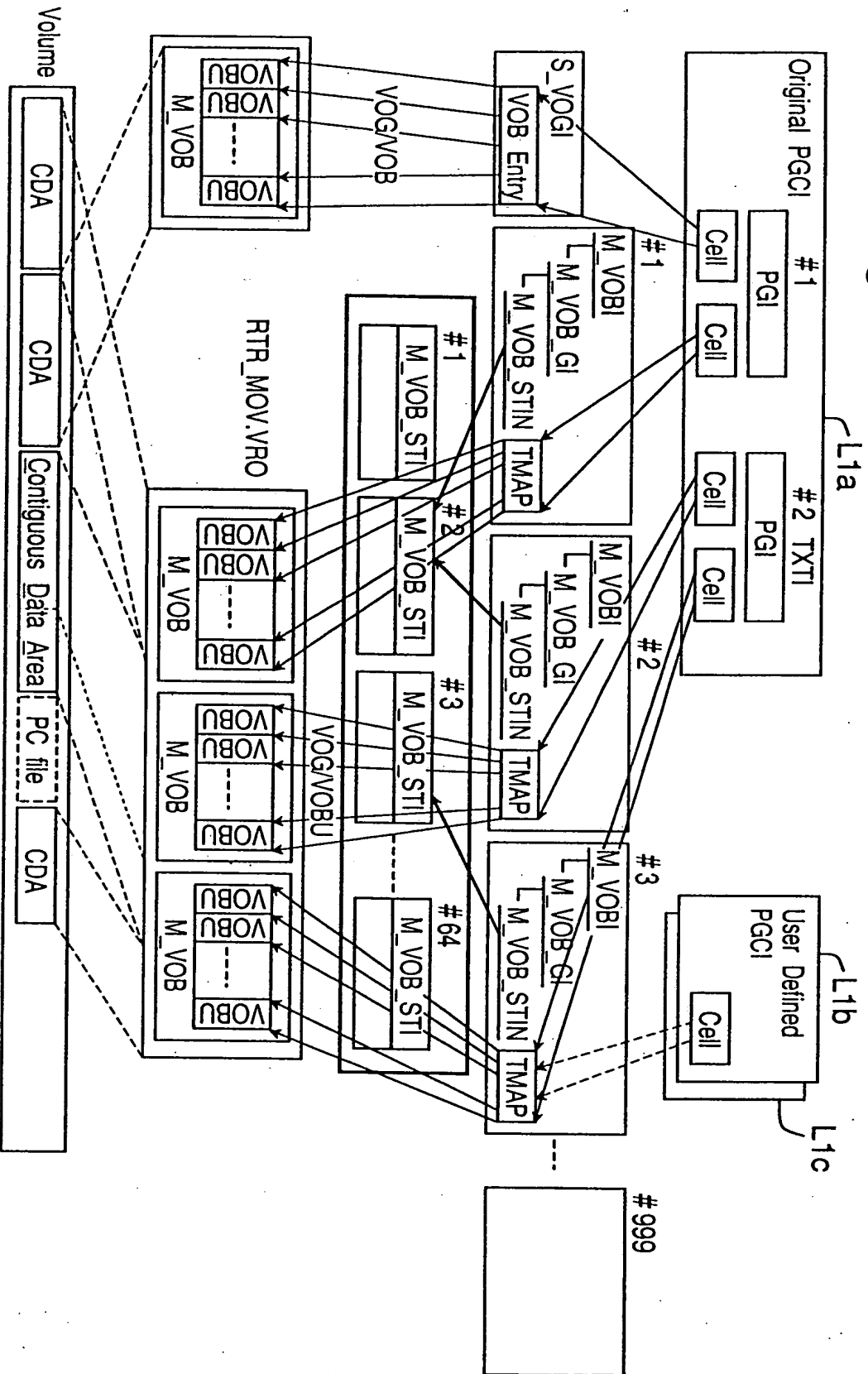


Fig.47

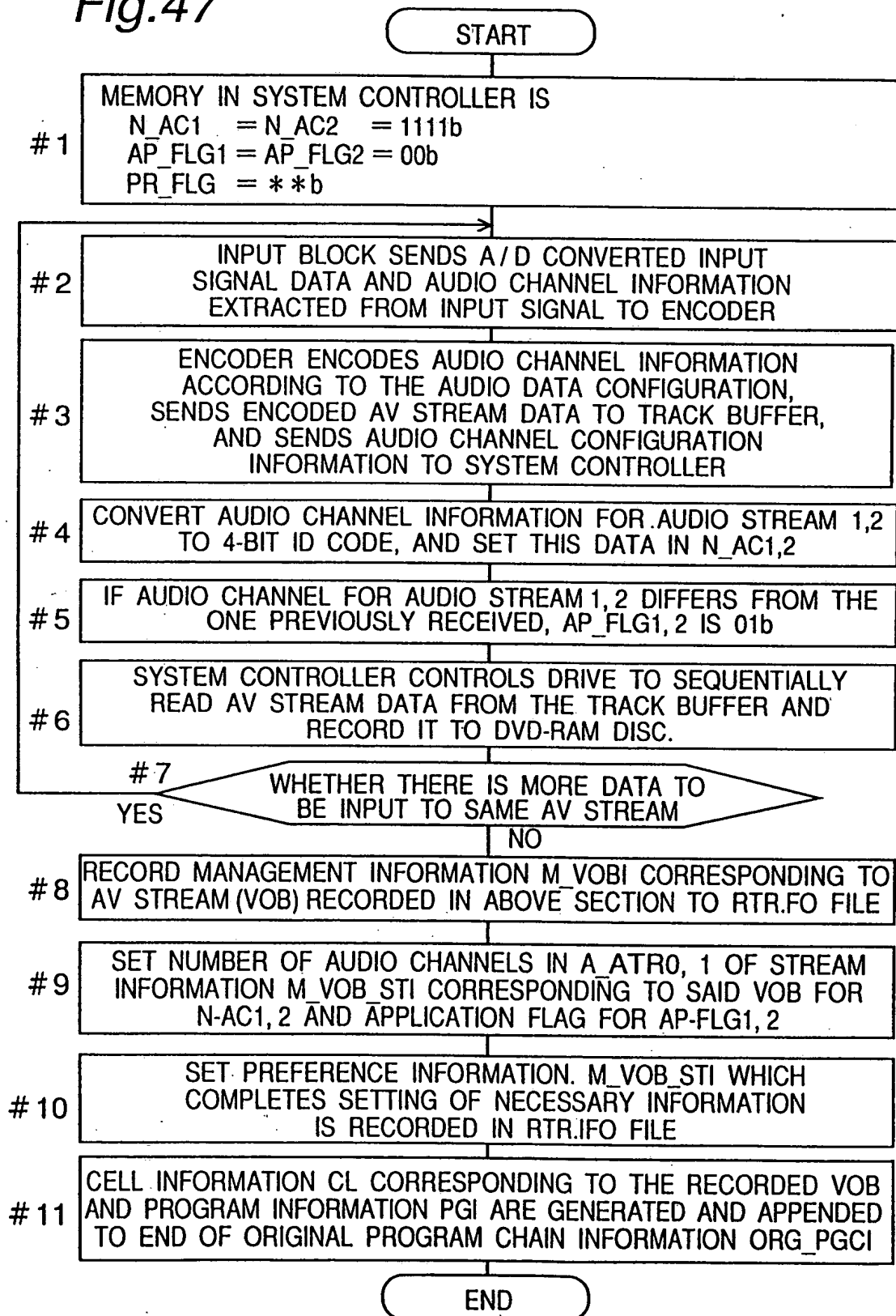


Fig.48

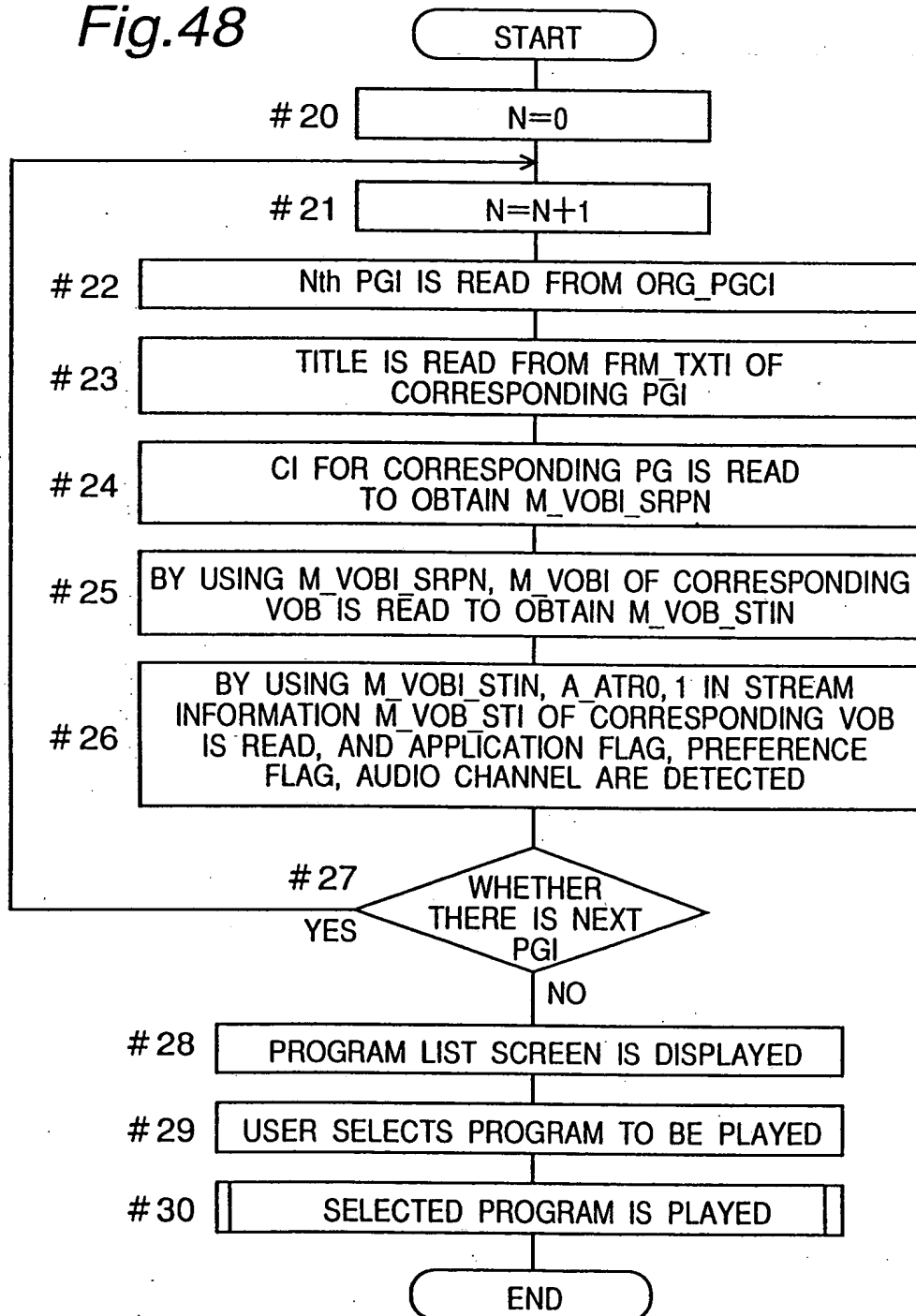


Fig.49

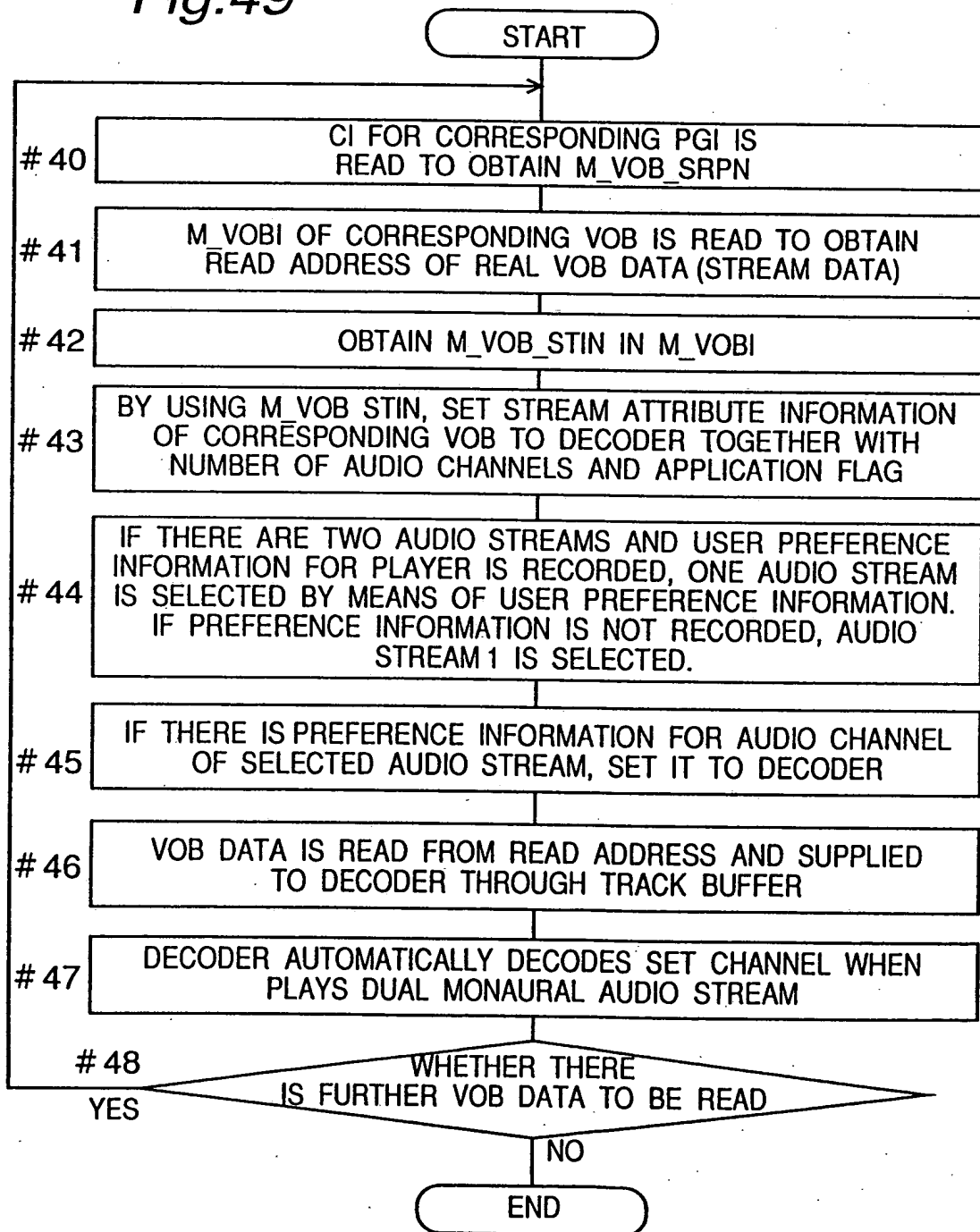


Fig.50

| PROGRAM LIST | |
|-----------------------|---|
| 1 TV DRAMA | (2 AUDIO STREAMS, MONAURAL AND STEREO) |
| 2 FOREIGN DOCUMENTARY | (1 AUDIO STREAM, DUAL MONAURAL PREFER MAIN AUDIO) |
| 3 NEW MOVIE THEATER | (1 AUDIO STREAM, PLURAL AUDIO CHANNEL CONFIGURATION ARE MIXED, MAIN MODE IS DUAL MONAURAL, DUAL MONAURAL PREFERS SUB AUDIO) |

NAMES INDICATE EACH PROGRAM
(DISPLAYED BY USING PRIMARY TEXT
INFORMATION OF EACH PGI IN DISK)

INFORMATION ABOUT AUDIO STREAM FOR AV STREAM INCLUDED IN
EACH PROGRAM (GENERATED AND DISPLAYED BY USING INFORMATION
OF PREFERENCE FLAG, APPLICATION FLAG AND NUMBER OF AUDIO
CHANNELS IN ATOR0/ATR1)